

**Commonwealth of Massachusetts**  
**Executive Office of Environmental**  
**Affairs ■ MEPA Office**

**ENF Environmental**  
**Notification Form**

*For Office Use Only*  
*Executive Office of Environmental Affairs*  
 EOE No.: **14070**  
 MEPA Analyst: **Holly Johnson**  
 Phone: 617-626-**1023**

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: <b>Winter Street Transportation Improvement Project</b>		
Street: <b>Winter Street</b>		
Municipality: <b>Brockton, MA</b>	Watershed: <b>Taunton River</b>	
Universal Transverse Mercator Coordinates: <b>19 0333709 E, 4663638 N</b>	Latitude: <b>42° 06' 33" N</b>	Longitude: <b>071° 00' 41" E</b>
Estimated commencement date: <b>Spring 2008</b>	Estimated completion date: <b>Fall 2009</b>	
Approximate cost: <b>\$2.46 Million</b>	Status of project design: <b>100% Complete</b>	
Proponent: <b>MassHighway/City of Brockton</b>		
Street: <b>10 Park Plaza</b>		
Municipality: <b>Boston</b>	State: <b>MA</b>	Zip Code: <b>02116</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Jessica Kenny</b>		
Firm/Agency: <b>Massachusetts Highway Dept.</b>	Street: <b>10 Park Plaza</b>	
Municipality: <b>Boston</b>	State: <b>MA</b>	Zip Code: <b>02116</b>
Phone: <b>(617) 973-7442</b>	Fax: <b>(617) 973-8879</b>	E-mail: <b>Jessica.LaValle@state.ma.us</b>

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?  
 Yes  No
- Has this project been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No
- Has any project on this site been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8))  Yes  No
  - a Special Review Procedure? (see 301CMR 11.09)  Yes  No
  - a Waiver of mandatory EIR? (see 301 CMR 11.11)  Yes  No
  - a Phase I Waiver? (see 301 CMR 11.11)  Yes  No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): **The Massachusetts Highway Department is funding 20% and the Federal Highway Administration is funding 80% of the construction costs.**

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals: **EPA National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges for Construction Activities; NEPA Categorical Exclusion, Section 106 of the National Historic Preservation Act.**

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- |                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land   | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands      |
| <input type="checkbox"/> Water  | <input type="checkbox"/> Wastewater   | <input checked="" type="checkbox"/> Transportation             |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air          | <input type="checkbox"/> Solid & Hazardous Waste               |
| <input type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations  | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	7.3±			
New acres of land altered		0		
Acres of impervious area	5.2±	1.3±	6.5±	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
<b>TRANSPORTATION</b>				
Vehicle trips per day	9,300	0	9,300	
Parking spaces				
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use				
GPD water withdrawal				
GPD wastewater generation/ treatment				
Length of water/sewer mains (in miles)				

**CONSERVATION LAND:** Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?  Yes (Specify)  No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?  Yes (Specify)  No

**RARE SPECIES:** Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?  Yes (Specify)  No

**HISTORICAL /ARCHAEOLOGICAL RESOURCES:** Does the project site include any structure, site or district listed in the State Register of Historic Places or the inventory of Historic and Archaeological Assets of the Commonwealth?  Yes (Specify: Cary Hill Inventoried Area)  No

**See Attachment A for correspondence from the Massachusetts Historical Commission.**

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?  Yes (Specify \_\_\_\_\_)  No

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN:** Is the project in or adjacent to an Area of Critical Environmental Concern?  Yes (Specify \_\_\_\_\_)  No

**PROJECT DESCRIPTION:** The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

The Massachusetts Highway Department (MassHighway), in conjunction with the City of Brockton, is proposing the Winter Street Transportation Improvement Project. The project consists of widening the existing road and shoulders to provide a consistent cross-section and the construction of sidewalks on both sides of the street. The project is approximately one mile in length and includes the entirety of Winter Street, beginning at Howard Street (Route 37) and extending easterly to North Cary Street. The purpose of the proposed project is to improve traffic conditions and safety along Winter Street.

Land use along Winter Street consists of predominantly single family homes interspersed with several multi-family homes. In addition to residential properties, McKinley Park is located on Winter Street, between Sheldon Street and Hovenden Avenue. There is also a small shopping plaza on Winter Street's easterly end. The City of Brockton Fire Station #7 is at the intersection of Winter Street and North Cary Street.

Winter Street currently provides one 11-foot wide travel lane and one 1.5-foot wide shoulder in each direction. A sidewalk is provided along the southerly side of Winter Street from Howard Street easterly to Sawtell Avenue; however, beyond Sawtell Avenue there are no sidewalks along Winter Street. On the easterly end of Winter Street, from Howard Street to Lawton Street, the condition of the road is extremely deteriorated with potholes, uneven surfaces as a result of previous road repairs, and no pavement markings.

Winter Street is a non-state highway owned and maintained by the City of Brockton. Winter Street provides the residential neighborhoods east of North Montello Street with access to Route 28 and the North Montello Commuter Rail Station. In 2004, average daily traffic on Winter Street totaled 9,300 vehicles per day (VPD) and is anticipated to increase to approximately 10,270 VPD in 2014.

Located in a primarily residential neighborhood with high traffic levels, including emergency vehicle traffic coming from the City of Brockton Fire Station #7 located on North Cary Street, Winter Street's narrow traffic lanes, minimal width shoulders, and lack of sidewalks make travel for motorists, pedestrians, and bicyclists difficult.

The proposed cross-section consists of an 11.5-foot travel lane and 3.3-foot shoulder in each direction, with a 5.6 foot sidewalk provided in both directions. All roadway and drainage improvements will be located entirely within the existing 41-foot layout, with the exception of minor regrading of adjacent driveways. A traffic signal control system will also be installed at the intersection of Winter Street at Howard Street (Route. 37). This traffic control system will improve safety by including pedestrian signals/phasing, an emergency vehicle preemption system, and a flashing traffic signal system that will be installed at the intersection of Winter Street at North Cary Street. This alternative provides pedestrian accessibility in compliance with the Americans with Disabilities Act (ADA) Standards, provides bicycle accommodation, and enhance aesthetics by providing a consistent cross-section.

The Winter Street Reconstruction Project is considered a redevelopment project under the Massachusetts Department of Environmental Protection's Stormwater Management Policy. In accordance with the Policy, the project will comply with the stormwater management standards to the maximum extent practicable and stormwater management systems will be designed to improve existing conditions. (see Description of Projects Stormwater Impacts, page 7)

At the northerly project limits, near Howard Street, there will be work within the 100 foot buffer zone of wetland resources (an existing drainage channel). There will be no wetland resource impact as a result of the project. The Brockton Conservation Commission has issued a Negative Determination of Applicability for the project (refer to Attachment B). Six public shade trees, 14 inches or more in diameter at breast height, will be removed.

Two alternatives were considered but were determined to be unacceptable because of their substantial land takings. These alternatives included the reconstruction of Winter Street in accordance with MassHighway's *Project Development and Design Guide*, 2006 edition, to meet desirable design criteria for an arterial roadway or minimum design criteria for an arterial roadway. According to the *Design Guide*, the desirable design standards for an arterial roadway require a roadway layout width of 55.4 foot, approximately 14.1 feet greater than the existing Winter Street layout. The minimum design criteria for an arterial roadway require a roadway layout width of 51.2 feet or approximately 9.8 feet greater than the existing roadway layout. The land acquisitions needed to complete either of these two alternatives are considered an excessive impact to the local community. As a result, MassHighway granted a Design Exception for a reduced Winter Street cross section to minimize the required permanent and temporary land acquisitions.

An Environmental Notification Form in accordance with the Massachusetts Environmental Protection Act was required in accordance with the MEPA Regulations 301 CMR 11.03(6)(b)1.b., and 301 CMR 11.03 (6)(b)2.b., widening of an existing roadway by 4 feet or more for one-half or more miles, and cutting five or more living public shade trees of 14 or more inches in diameter at breast height.